

Handheld Digital Thermometers

HH508
\$110



HH508 Single K/J/E/T/S Input
Backlit LCD
Accepts Type K/J/E/T/S
Thermocouple Inputs
MAX/MIN, AVG, REL, HOLD Functions
Single Input



HH508, \$110, shown smaller than actual size.

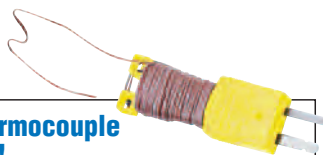
- NEMA 4X Dustproof
- Water/Splash Resistant
- Warning Beeper with Hi/Lo Setting, Time Setting
- Clock and Elapsed Time
- 0.1° Resolution
- Differential Thermocouple Input
- Stated Accuracy @ 23 ± 5°C < 75% RH
- Battery Life: 200 Hours
- Dimensions: 192 H x 91 W x 53 mm D (7.6 x 3.6 x 2.2")
- Weight: Approx 255 g (9 oz)

Probes sold separately. Please see Section A for details.

AVAILABLE FOR FAST DELIVERY!

Free Thermocouple Included!

These models include a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel). Order a Spare! Model No. SC-GG-K-30-36, \$15.



HH509
\$120



Optional*

HH509 Dual K/J/E/T/S Input
Backlit LCD Display
Accepts Types K/J/E/T/S
Thermocouple Inputs
MAX/MIN, AVG, REL, HOLD Functions
Dual Input with Differential Function T1-T2

HH509R has all the same features as HH509 plus includes RS232 interface, cable, and software.



HH509, \$120, shown smaller than actual size.

Specifications	HH508	HH509
Backlit LCD	•	•
No. of Digits	1999	1999
Probe (Type)	K/J/E/T/S	K/J/E/T/S
Input Channel	1	2
Range °C	-210 to 1767°C	-210 to 1767°C
Range °F	-346 to 1999°F	-346 to 1999°F
Resolution	0.1°/1°	0.1°/1°
Data/Hold	•	•
Max/Min	•	•
Relative	•	•
Hi/Lo Limits w/Beeper Warning	•	•
Display	1	1
T1-T2		•
Battery (included)	9V	9V
RS232C		
Auto Power-Off	•	•
Basic Accuracy	0.1% +1°C	0.1% +1°C

To Order (Specify Model Number)

Model No.	Price	Description
HH508	\$110	Digital thermometer
HH509	120	Digital thermometer, dual
HH509R	149	Digital thermometer, dual, with RS232
SC-GG-K-30-36	15	Extra Type K beaded thermocouple (1 m long)
KTSS-HH	29	150 mm (6") long, 3 mm (1/8") dia. stainless steel Type K probe with 300 mm (12") retractable cable [expands to 1.2 m (48")] terminating with male subminiature connector
HH-NIST*	55	NIST-traceable calibration, no points
CAL-3-HH*	75	NIST-traceable calibration with points
MN1604	3	Extra 9V alkaline battery
SC-HH500	12	Soft carrying case

Handheld Digital Thermometers

Type R and S Thermocouple Inputs

HH501BR/HH501BS

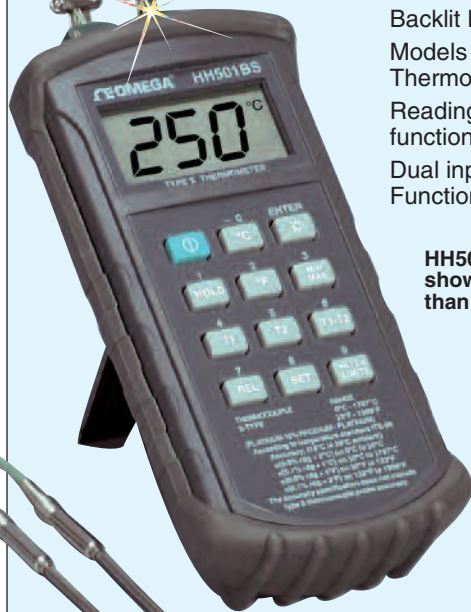
\$99



**HH501BR or HH501BS
Type Thermometer**

1999 Counts
Backlit LCD Display
Models for Type R or S
Thermocouple Input
Reading HOLD, Max
function
Dual input with Differential
Function T1-T2

HH501BS, \$99,
shown smaller
than actual size.



Probes sold
separately.
Please see
Section A for
details.

- ✓ NEMA 4X Dustproof
- ✓ Water/Splash Resistant
- ✓ Warning Beeper with Hi/Lo Setting, Time Setting
- ✓ Clock and Elapsed Time
- ✓ 1° Resolution
- ✓ Differential Thermocouple Input
- ✓ Stated Accuracy at 23 ± 5°C < 75% RH
- ✓ Battery Life: 200 Hours
- ✓ Dimensions: 192 H x 91 W x 53 mm D (7.6 x 3.6 x 2.2")
- ✓ Weight: Approx 255 g (9 oz)

HH501AR/HH501AS

\$85



Optional*

**HH501AR or
HH501AS Type
Thermometer**

1999 counts,
Backlit LCD Display
Models for Type R or S
Thermocouple Input
Reading HOLD and
MAX function
ITS-90 Accuracy: ± 0.2%
Single Input

HH501AR, \$85,
shown smaller
than actual size.



Specifications	HH501AS	HH501BS	HH501AR	HH501BR
Backlit LCD	•	•	•	•
No. of Digits	1999	1999	1999	1999
Probe (Type)	S	S	R	R
Input Channel	1	2	1	2
Range °C	0-1787°C	0-1767°C	0-1767°C	0-1787°C
Range °F	32-1999°F	32-1999°F	32-1999°F	32-1999°F
Resolution	1°	1°	1°	1°
Data/Hold	•	•	•	•
Max/Min	•	•	•	•
Relative	•	•	•	•
Hi/Lo Limits w/Beeper Warning	•	•	•	•
Display	1	1	1	1
T1-T2		•		•
Battery (Included)	9V	9V	9V	9V
Auto Power-Off	•	•	•	•
Basic Accuracy % rdg	0.1% +1°C	0.1% +1°C	0.1% +1°C	0.1% +1°C

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
HH501AS	\$85	Thermometer, S T/C, single input
HH501BS	99	Thermometer, S T/C, dual input
HH501AR	85	Thermometer, R T/C, single input
HH501BR	99	Thermometer, R T/C, dual input
HH-NIST*	55	NIST-traceable calibration, no points
CAL-3-HH*	75	NIST-traceable calibration with points
MN1604	3	Extra 9V alkaline battery
SC-HH500	15	Soft carrying case



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters